

Aviation and noise

Z/040/61/000/005/002/004
D005/D102

pathological changes of the eardrum, such as retraction, thickening and hyperemia. Abnormality of the nose was established in 56.5% of the examined personnel, the usual finding being chronic, hypertrophic rhinitis. Distortion of the nasal septum was found in 36.5% and pharynx disorders in 19.4%. Very frequent findings were chronic tonsillitis and chronic pharyngitis. Objective ear symptoms during and after flight were established in 31% and nose symptoms in 33% of fliers. In their examination of fliers, the author and Černý (1958) also found numerous abnormalities of the nose, ear and throat. Calcic incrustations and scars on the eardrum were frequent findings. The eardrum was often dull, milky turbid, thickened, or forced in. Congestion around the processus brevis and manubrium were often found. A frequent occurrence of spinae, cristae or distorted septum was also found. Symptoms of acute or chronic rhinitis were established in 50% of all cases. Chronic tonsillitis was found very frequently, chronic laryngitis in 33%, and remnants of the pharyngeal tonsil in 25%. The diaphanoscopic finding was positive or suspicious in 25% of fliers and maxillary sinuses were affected three times more often than the frontal sinuses. Ample pneumatization was nearly

Card 2/15

Z/040/61/000/005/002/004
D005/D102

AUTHOR: Malčík Vladimír, Doctor

TITLE: Aviation and noise

PERIODICAL: Letecký obzor, no. 5, 1961, 141-143

TEXT: This is the third part of an article dealing with the effects of noise on flight and ground personnel. It is generally reported that the otoscopic finding of occupational hearing disorders due to noise is normal, and that the other otorhinolaryngological findings are usually also within the norm. This is usually not the case with flight personnel of whom abnormal otologic findings are rather common. It is evident that, as a rule, these abnormal findings are not caused by noise but by other factors such as rapid changes of altitude and probably even breathing of pure oxygen. It is, however, very probable that some of these pathological changes of the nose, ears and throat contribute to the origin of hearing disorders caused by noise. Nosaka, Ueno, Toyonari (1960) examined 124 pilots flying the "T-33" aircraft and found that 46.8% of these pilots exhibited

Card 1/15

17 2350

26683

Z/040/61/000/004/002/006
A205/A126

AUTHOR: Malčík, Vladimír, Doctor

TITLE: Aviation and noise

PERIODICAL: Letecký obzor, no. 4, 1961, 109 - 111

TEXT: This is the second continuation in a series of articles in which the author discusses the problems of noise produced by aircraft engines. The information is based predominantly on Western sources. This continuation deals with medical research conducted on persons employed in various branches of aviation and on air passengers, in order to ascertain damaging effects caused by extended exposure and the age of the individual are important factors and that prolonged exposure can result in grave impairment of a person's hearing capacity. Young persons are less susceptible to damaging effects than persons over 40 years of age. Other aggravating factors are chronic intoxications such as smoke and carbon-monoxide poisoning. Arteriosclerosis and congenital hearing defects are also listed as conditions increasing the possibility of damage. The results of a number of medical tests conducted in Western countries on pilots, passengers and other aviation personnel conclude the article. There is 1 figure.

Card 1/1

Aviation and noise

Z/040/61/000/003/001/003
A205/A126

seriously affect the health of the crew. It is pointed out that aircraft passengers are exposed to noise only temporarily. There is also a considerable difference in the noise intensity within the different sections of the aircraft. The noise is louder in the rear part of the passenger compartment, due to its location behind the engine. The highest rate of noise exposure is experienced by passengers flying in helicopters, and it is being emphasized that this problem should be given serious consideration, due to an ever increasing utilization of this conveyance. The rest of the article lists a number of medical experiments which were conducted on persons affected by aircraft noise, and which resulted in a variety of impediments of the auditory organ and other functional complications. There is 1 figure. ✓

Card 2/2

Z/040/61/000/003/001/003
A205/A126

AUTHOR: Malcik, Vladimir, Doctor

TITLE: Aviation and noise

PERIODICAL: Letecky obzor, no. 3, 1961, 77 - 79

TEXT: This is the first continuation of a series of articles in which the author discusses the problems of noise produced by aircraft engines. The information is based predominately on Western sources. Various environments, directly exposed to aircraft noise, are described by the author. Examples given are areas in the vicinity of airfields below the approach and take-off patterns, decks of aircraft carriers, etc. The article further deals with medical research conducted to ascertain any damaging influences experienced by persons subject to primary noise exposure, such as aircraft crews and passengers, ground personnel, and employees of the aircraft-producing industry. The highest noise exposure during the era of the propeller aircraft was endured by the aircrew. With the introduction of jet aircraft, this factor has shifted to the detriment of the ground crews, since the aircrew of a jet enjoys a relative protection from the hazards of noise. An exception will be the rocket aircraft, where the noise is so loud that it may

Card 1/2

Aviation and noise

Z/040/61/000/002/002/005
A205/A126

at 100 m, and 110 dB at 30 m was measured. The noise, produced inside the hermetically-sealed cockpit of a MIG-15 is 100 dB on the average at normal speed. Generally, it can be stated that the noise of helicopters and prop aircraft has primarily lower frequencies, while noises of jets have high frequencies, containing ultrasound with frequencies reaching as much as 60,000 cps. The noise spectrum of a MIG-15, during horizontal flight, shows prominent peaks at 5,000 cps and at 1,500 cps. There is 1 photograph.

Card 2/2

Z/040/61/000/002/002/005
A205/A126

AUTHORS: Mal'ik, Vladimir, Doctor

TITLE: Aviation and noise

PERIODICAL: Letecký obzor, no. 2, 1961, 45 - 47

TEXT: This is the first in a series of articles in which the author discusses the problem of noise produced by aircraft engines. He bases his observations predominantly on Western sources and refers to noise-intensity tests performed with a variety of American, British, and French aircraft, such as the DC-6, DC-7, Super Constellation, B-47, RB-66, Caravelle, as well as naval, carrier-based aircraft, and helicopters. Rocket aircraft are briefly mentioned as sources of excessive noise. An astronaut will thus be exposed to a noise intensity around 135 - 140 dB while the engines are on. Tests were performed in 1958 by Rozumov, Kvitka and Gubkin on noise-producing characteristics of the Soviet TU-104. Measurements were taken at radii of 30 and 100 m from the aircraft. A noise of 119 dB at 100 m, 129 dB at 30 m and 96 dB in front of the aircraft was measured at an angle of 40° to the axis of the exhaust. Tests were also performed by this team on the IL-14. For this aircraft, a noise intensity of 100 dB

Card 1/2

MALCIK, Vladimir

Current status of aviation and space medicine. Cas.lek.cesk.99
no.45:1405-1409 4 N '60.

1. Ustav leteckeho zdravotnictvi, Praha.
(AVIATION MEDICINE)
(SPACE FLIGHT)

PAVLOK, Jan, MUDr.; CAPEK, Dominik, Prof., MUDr.; CERNOCH, Otakar, MUDr.;
STVERAK, Jiri, MUDr.; MALCIK, Vladimir, MUDr.; MIKULA, Jiri, MUDr.;
CAMSKY, Jiri, MUDr.

Special hygiene of aviators. Voj. zdrav. knihovna no.22:1-175
1954.

(MEDICINE AVIATION,
prev. & hyg. aspects (Cz))

HERAK, R.M.; MANOJLOVIC, Lj. M.; MALCIC, S.S.

An X-ray diffraction study of inorganic complexes $\text{KHgBr}_2 \cdot \text{H}_2\text{O}$
and $\text{Na}_5\text{Zr}_2\text{F}_{13}$. Bul Inst Nucl 14 no.1:21-25 Ja '63.

1. Department of Reactor Materials of the Boris Kidric
Institute of Nuclear Sciences.

MALCIC, Stjepan, S.
~~SURNAME~~ (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: Department of Physical Chemistry, Institute of Nuclear
Sciences "Boris Kidrich"

Source: Belgrade-Vintcha, Bulletin of the Institute of Nuclear Sciences
"Boris Kidrich", Vol 11, Mar 1961, pp 135-139.

Data: "Crystal Structure of Cesium Uranyl Nitrate."

Co-author:

MANOJLOVIC, Ljubica S., Department of Physical Chemistry, Institute
of Nuclear Sciences "Boris Kidrich".

MALCIC, Stjepan S.; ZIVADINOVIC, Milutin S.

X-ray investigation of iodolaurionite. Bul Inst Nucl 10:47-50 Mr '60.
(EEAI 10:5)

1. Institute of Nuclear Sciences "Boris Kidrich" Laboratory of
Physical Chemistry.
(Iodolaurionite) (X rays)

4
96W
2-1000
2-7007

YUGOSLAVIA/Solid State Physics - Unpublished

Abs Jour : Ref Zhur Fizika, No 4, 1960, 8675

C_{2h}^6 -- $C2/c$ as that characterizing the Fedorov group.
X-ray diffraction data were obtained by the method of rotating the crystal about the c and b axes, and also on the basis of an analysis of the corresponding Weissenberg pattern for the equatorial line and for the two first layer lines. Copper radiation was used ($\lambda = 1.5418 \text{ \AA}$).

Card 2/2

MALCIC S.S

YUGOSLAVIA/Solid State Physics - Structural Crystallography.

E

Abs Jour : Ref Zhur Fizika, No 4, 1960, 8675

Author : Malcic Sijepan, S.

Inst : ~~XXXXXXXXXXXXXXXXXXXX~~
Title : X-Ray Diffraction Characteristics of Potassium Uranyl Carbonate

Orig Pub : Bull. Inst. Nucl. Sci. 1958, 8, No 144, 99-104

Abstract : An investigation of potassium uranyl carbonate $K_4UO_2(CO_3)_3$ has shown that this compound, which previously was considered hexagonal, is actually monoclinic, like the corresponding ammonium salt. An x-ray-structural analysis gave the following parameters of the elementary lattice: $a 10.22 \pm 0.01$, $b 9.18 \pm 0.02$, $c 12.18 \pm 0.01$ Å, $\beta 94^\circ 47' \pm 6'$. $Z 4$. $S_{exp} 3.450 \text{ g/cm}^3$, $S_{x-ray} 3.54 \text{ g/cm}^3$. The presence of systematic extinction of the reflexes has made it possible to determine the symbol $2/mC$ -- $/c$ as the extinction symbol and the symbol

Card 1/2

- 64 -

and also from the analysis of the
berg pattern for the equatorial line, for the first and
second layer lines. Copper radiation was used

Card 1/2

- 63 -

Ads Jour : Ref Zhur Fizika, No 4, 1960, 8674

($\lambda = 1.5418 \text{ \AA}$).

Card 2/2

ILLEGIBLE

Malic, Stephen S.

3

HUNG.

ON THE FORM OF COMBINATION OF U IN MELTS OF
SODIUM FLUORIDE. Stephen S. Malic Institut für Kern-
wissenschaften "Boris Kidrich" - Mail Inst. Nuclear Sci.
"Boris Kidrich" (Belgrade) 45-8(1954) June. (in Ger-
man)

The combination of U with fused NaF was investigated by
x-ray analysis. (K.S.)

ML 2/24

MALCIC, L.

Industrial poisons. (2d supplement) p. S8-S9.

KEMIJA U INDUSTRIJI. (Društvo kemičara-tehnologa SRH)
Zagreb, Yugoslavia
Vol. 8, no. 3, Mar. 1959.

Monthly list of Eastern European Accession Index (MEAI) LC vol. 8, No. 11
November 1959
Uncl.

SAVKOVIC, M.; RADIVOJEVIC, D.; HAJDUKOVIC, S.; MALCIC, K.

Effect of local irradiation on the reproductive ability
of infant rats. Bul sc Youg 7 no.1/2:13 F-Ap '62.

1. Institut "B. Kidric," Vinca, Beograd.

*

SAVKOVIC, N.V.; RADIVOJEVIC, D.V.; HAJDUKOVIC, S.I.; RADOTIC, M.M.;
POPOVIC, S.H.; KARANOVIC, J.; Technical assistance MALCIC, K.;
BRADIC, M.

Histological analysis of testes in infant rats irradiated locally
or all over the body with X rays. Bul Inst Nucl 12:145-147 0 '61.

1. The Institute of Nuclear Sciences "Boris Kidrich," Department
of Radiobiology, Vinca.

MALCIC, Ivan, inz. [translator]

Preventing burns from melted metals. . Ljevarstvo 11 no.4:95-105
'62.

MALCIC, Ivan, ing.

Safety in the processing of iron with cyanides. Kem ind 9 no.10:
S-97--S-99 0 '60.

1. Centralni higijenski zavod, Zabreb; clan Redakcionog odbora,
"Sigurnost u pogonu!"

MALCIC, I.

The danger of inflammable dust. Sigurnost. p. S59.

KEMIJSKI IZOPRAVALJENJE. (Društvo kemičara-tehnologa NHR) Zagreb,
Yugoslavia. Vol. 8, no. 9, Sept. 1959.

Monthly List of East European Accessions (MEAI) LC, Vol. 9, no. 1
Jan. 1960.

Uncl.

MALCIC, I.

Estimating dangers of inflammable liquids. (2d supplement) p. 35-37.

KEMIJA U INDUSTRIJI. (Društvo kemičara-tehnologa NRH)
Zagreb, Yugoslavia
Vol. 8, no. 3, Mar. 1959.

Monthly list of Eastern European Accession Index (EEAI) IC vol. 8, No. 11
November 1959
Uncl.

The Bases for Estimation of the Thermal Environment YUG /2-58-10-2/24

sweat from the skin's surface. As long as these factors are present, workers should feel no great discomfort, working in "hot" or "heavy" conditions. There is 1 table and 1 graph.

ASSOCIATION: Centralni higijenski zavod - Zagreb (Central Hygiene Institute, Zagreb)

Card 2/2

YUG /2-58-10-2/24

AUTHOR: Malčić, Ivan, Engineer, Sanitary Engineer
 TITLE: The Bases for Estimation of the Thermal Environment (Osnove
 za ocjenu toplinske okoline)

PERIODICAL: Kemija u industriji, 1958, Nr 10, pp 251 - 255

ABSTRACT: The author describes the temperature regime of the human body and the ways in which temperature variations in the external environment are compensated for by the body's regulatory mechanisms. At temperatures above 34°C, or at lower temperatures with heavy work, the only cooling mechanism available is perspiration. The author stresses the importance of creating favorable conditions in which workers, laboring in high temperatures or engaged in heavy work, can sweat freely and easily. Factors affecting this are:
 1) the moisture content of the air, which should be as dry as possible, 2) air circulation to help the evaporation of

Card 1/2

MALCIC, I.

Safety service in the textile industry. p. 464. TEKSTIL (Društvo
inženjera i tehničara tekstilaca Hrvatske). Zagreb. Vol. 5,
no. 6, June 1956

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

MALCIC, I.

MALCIC, I. Health protection in the final processing of lumber. p. 18.
Sweden in the international lumber trade. p. 22.

Vol. 6, no. 6/8, June/Aug. 1955
DRVNA INDUSTRIJA
Zagreb, Yugoslavia

So: Eastern European Accession Vol. 5 No. 4 April 1956

FONKIN, V.F.; MAL'CHUK, T.V.

Surface staining of larch veneer. Der.prom. 10 no.6:8 Je '61.
(MIRA 14:7)

1. Sibirskiy nauchno-issledovatel'skiy institut lesnogo
khozyaystva i lesoksplyuatatsii.
(Veneers and veneering) (Stains and staining)

IVANOV, K.I.; MAL'CHONOK, V.O.

Effect of the height of the tool's fall and its weight on the
efficiency of cable drilling rigs. Vzryv. delo no.46/3:98.105
'61. (MIRA 15:1)

(Boring machinery)

Photographic Study of Drilling (Cont.)

SOV/2769

26. Analyzing the results of the investigated blasting processes	142
27. Classification of methods used in rock blasting	154
Ch. V. Study of Ground Action in Surface Blasting	
28. Methods for carrying out experimental studies	160
29. Experimental study of ground motion during blasting	161
30. The effect of the minimum resistance direction on the rate of ground uplifting	163
31. Relation between ground uplift and the weight of the blasting charge and the efficiency index of the blast	170
Supplement	171
Bibliography	175
AVAILABLE: Library of Congress	183

Card 5/5

MM/gmp
12-30-59

Photographic Study of Drilling (Cont.)

SOV/2769

18. Elastic constants and mechanical characteristics of the investigated rocks and materials	84
19. Qualitative characteristics of the fracturing process in rocks by blasting	86
20. Quantitative regularities of the fracturing process in rocks and materials of high acoustic rigidity	110
21. The effect of phase shift of two waves on the blasting efficiency	125
22. The effect of the shape of the charge, the properties of the explosive, the size of the charge, and the production methods on the mechanics of fracturing the high acoustic rigidity rocks, and the ways of increasing the efficiency of the elastic wave energy	129
23.. Suggestions for improving the quality of hard rock fracturing by blasting	132
Ch. IV.. Studying the Process of Rock Fracturing in Instantaneous and Delayed-action Blasting	134
24. The scope and the methods of studying the fracturing process by blasting	134
25.. Conditions for carrying out the experimental work	138

Card 4/5

Photographic Study of Drilling (Cont.)

SOV/2769

Ch. II. Studying the Work Regime of a Drilling Column in a Borehole During Percussion Drilling	48
9. Methods of studying the drilling regime	49
10. Velocity resistances of a column falling in a borehole	50
11. Velocity and acceleration of a bit falling in a borehole	60
12. The efficiency of percussion drilling	68
13. Maximal weight of a drilling column	70
14. Consumption of kinetic energy by a drilling column in overcoming mud resistance	75
Ch. III. Studying the Physical Nature of the Rock Fracturing by Blasting	78
15. Methods for studying the physical nature of the fracturing of rocks by blasting	78
16. Methods for studying parameters of an elastic wave	80
17. Certain data on wave propagation in a homogeneous elastic medium	81

Card 3/5

Photographic Study of Drilling (Cont.)

SOV/2769

the physical nature and the regularities of high-speed processes and to indicate ways and means of increasing the efficiency of drilling and blasting work. Photographic work was done at the Central Film Laboratory of the MVO by B.V. Frantsisson and B.G. Sukhov. The author thanks M.M. Dokuchayev. There are 56 references: 48 Soviet, 4 English, 3 German, and 1 French.

TABLE OF CONTENTS:

Introduction	3
Ch. I. Investigating the Operation of a Drilling Unit and the Ways of Increasing Working Speed of Drilling	5
1. Nature and method of investigating an operating outfit	5
2. Drilling regime in the study of perforator operations	8
3. Oscillatory motion of the perforator	10
4. Operation of the percussive mechanism	14
5. Operation of the rotatory mechanism	22
6. Transmission of mechanical energy to the crushing action	26
7. Ways of increasing the actual drilling speed by means of pneumatic percussion drills	37
8. Comparative evaluation of pneumatic drills of different design	44

Card 2/5

MAL'CHONOK, V.O.

14(5)

PHASE I BOOK EXPLOITATION

SOV/2769

Baranov, Yevgeniy Gerasimovich, Pavel Stepanovich Danchev, Konstantin Ivanovich Ivanov, Vladimir Olimpiyevich Mal'chonok, Aleksey Dmitriyevich Pashkov, and Aleksandr Nisanovich Khanukayev

Issledovaniye protsessov bureniya i vzryvaniya s primeneniym kinos"yemki
(Photographic Study of Drilling and Blasting Processes) Moscow, Ugletekhizdat,
1959. 186 p. 2,000 copies printed.

Ed.: K.V. Pavlov; Ed. of Publishing House: T.I. Koroleva; Tech. Ed.:
A. Sabitov.

PURPOSE: The book is intended for scientists and engineers in the mining industry.
It may also be used as a textbook in institutes of higher technical training.

COVERAGE: The book contains the results of a photographic study of drilling and
blasting processes. Analysis of the operation of perforators and percussive
drilling rigs, and the study of explosion phenomena by filming helped to reveal

Card 1/5

MALCHONOK, V O.

127-58-6-12/25

AUTHORS: Ivanov, K.I., Candidate of Technical Sciences and Mal'-chonok, V.O., Engineer

TITLE: A Calculation of the Acceleration of a Percussion Drill in **Cable Tool Drilling** (Opredeleniye uskoreniya burovogo snaryada pri udarno-kanatnom burenii)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 6, pp 44-48 (USSR)

ABSTRACT: The authors analyze various formulas devised for the calculating the acceleration of a percussion drill in **cable tool drilling** [Ref. 1, 2, 3] and present their own formulas, devised by analytic and graphic calculation. There are 3 graphs, and 3 Soviet references.

AVAILABLE: Library of Congress

Card 1/1 1. Drills-Performance 2. Mathematical analysis

MAL'CHONKOVA, A.S., inzh.; KOSTOMAROVA, S.I.; DENISOVA, N.G.; DIKIKH, L.S.;
NEDORUBOV, Ye.Ye.; SHVYRKINA, R.P., udarnik kommunisticheskogo
truda; VANYUSHIN, M.S.

Widen the movement of shock workers and collectives of communist labor
in regional offices and village communication departments. Vest. svyazi
20 no.9:25-28 S'60. (MIRA 13:10)

1. Mytishchinskaya avtomaticheskaya telefonnaya stantsiya (for
Mal'chonkova). 2 Nachal'nik L'vovskogo otdeleniya svyazi Podol'skogo rayona,
Moskovskoy oblasti (for Kostomarova). 3 Ispolnyayushchiy obyazannosti
inshenera Lyublinskoy avtomaticheskoy telefonnoy stantsii (for Denisova).
4. Nachal'nik Tushinskoy kontory svyazi (for Dikikh). 5. Nachal'nik
3-go otdeleniya svyazi Noginska (for Nedorubov). 6. Ekspeditor Shchelkovskoy
kontory svyazi (for Shvyrkina). 7. Nachal'nik Serpukhovskogo usilitel'nogo
punkta (for Vanyushin).

(Telecommunication--Employees)

(Socialist competition)

ILLEGIBLE

ILLEGIBLE

SOV/138-59-2-9/24

Manufacture of Rubber Tube, Profiles and other Extruded Products
by a Continuous Process

(endless screw) of 115 mm diameter and is driven by a 40.5kW electric motor. The extrusion speed can be varied by changing the number of revolutions of the worm between the limits of 15 to 30 r.p.m. The vulcanizing tunnel consists of two steel tubes one upon another which are 273 mm x 10 mm diameter and 15 m long, fed with hot air from calorifiers and heated further with electric elements whose spiral wire is mounted on the surface of the tubes. The extruded tube is taken through on a belt conveyor. To increase the efficiency, the extrusion machine is equipped with a triple extruder head and the vulcanized tube is subsequently cooled to 40°C by water spray. There are 6 figures and 6 references, 1 of which is Soviet, 4 English, 1 German.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti (Scientific Research Institute for the Rubber Industry)

Card 3/3

SOV/138-59-2-9/24

Manufacture of Rubber Tube, Profiles and other Extruded Products
by a Continuous Process

reason for porosity is to be found through volatiles, particularly where vaseline oils are used in the mix, with much higher boiling point than water. It was found that the introduction of 5 to 10% of pure CaO into the mix absorbed these volatiles. Satisfactory results were obtained by introducing crushed lime into the mix and by extruding the tubes at temperatures of 100° to 110° C. Thus the question of vulcanization without pressure was solved. Since extrusion proceeds at 5 to 8 m/min, it is necessary to achieve vulcanization within 2 to 3 mins. This is only possible with ultra-rapid accelerators and with temperatures of the order of 200° C. To prevent pre-vulcanization various modifiers are required. A formulation, based on SKS-30 rubber with colophony, lime, Altax, "Extra-n", as well as with usual fillers, is given. This gives tubes with a smooth surface and which do not adhere to metallic surfaces during vulcanization without pressure in air medium at 200° C, and which have low cost. The extrusion plant is shown in Fig 6. The extruding machine has a worm

Card 2/3

SOV/138-59-2-9/24

AUTHORS: Gorelik, B. M., Chelyshev, V. V., Mal'chikova, Ye. V.
and Korunova, A. D.

TITLE: Manufacture of Rubber Tube, Profiles and other Extruded
Products by a Continuous Process (Nepreryvnyy protsess
izgotovleniya rezinovykh trubok, profil'nykh i drugikh
shpritsovannykh izdeliy)

PERIODICAL: Kauchuk i rezina, 1959, Nr 2, pp 30-34 (USSR)

ABSTRACT: Extruded rubber products are usually vulcanized in
batches in autoclaves, which process takes several
hours. Continuous vulcanization of extruded products
can be carried out in solutions containing SO_2 as well
as in long vulcanization chambers using high pressure
steam and subsequently cooling the extruded products with
water at the same pressure. This method is not possible
with tubes owing to the difficulty of maintaining equal
pressure inside and outside the tube. Vulcanization
without, or with, low pressure can lead to pore formation.
This tendency can only be partially reduced by subjecting
the rubber mix to vacuum or by extruding it at
Card 1/3 temperatures of 110° or $120^\circ C$, which suggests that the

MAL'CHIKOVA, YE. V.

Dissertation: "Defects of Lacquer Coating on Leather and Means of Correcting Them."
Cand Tech Sci, Moscow Technological Inst of Light Industry imeni L. M. Yegorovich,
27 Apr 54. (Vechernyaya Moskva, Moscow, 16 Apr 54)

SC: SUM 243, 19 Oct 1954

RYBITSKIY, Nikolay Antonovich; MAL'CHIKOVA, V.K., red.

[Currant and gooseberry] Smorodina i kryzhovnik. Leningrad,
Lenizdat, 1965. 145 p. (MIRA 18:5)

YEVDOKIMOV, Petr Dmitriyevich, prof., doktor veter. nauk;
MAL'CHIKOVA, V.K., red.

[Antibiotics in veterinary medicine and animal husbandry]
Antibiotiki v veterinarii i zhivotnovodstve. Leningrad,
Lenizdat, 1964. 133 p. (MIRA 18:3)

BORISOV, A.A., doktor geogr. nauk, prof.; ZNAMENSKAYA, O.M., kand. geogr. nauk; BLAGOVIDOV, N.L., kand. sel'khoz. nauk; MINYAYEV, N.A., kand. biol. nauk; SHUL'TS, G.E., kand. biol. nauk; RODIONOV, M.A., kand. biol. nauk; MAL'CHEVSKIY, A.S., prof., doktor biol. nauk; TOMSON, N., doktor med. nauk, prof., akademik; VERESHCHAGIN, N.K., doktor biol. nauk; NEYELOV, A.V., aspirant; TYUL'PANOV, N.M., inzh. lesnogo khoz.; KUROVSKIY, G.I., inzh.-parkostroitel'; SOKOLOV, M.P., arkhitekto; SOKOLOV, S.Ya., doktor biol. nauk, prof., nauchn. red.; MAL'CHIKOVA, V.K., red.

[Nature of Leningrad and environs] Priroda Leningrada i okrestnostei. Leningrad, Lenizdat, 1964. 249 p.

(MIRA 17:7)

1. Akademiya nauk Estonskoy SSR (for Tomson). 2. Zoologicheskii institut AN SSSR (for Neyelov).

KULEVA, I.F., dots., kand. sel'khoz. nauk; MAL'CHIKOVA, V.K., red.;
TIKHONOVA, I.M., tekhn. red.

[Sugar beets; practices in growing sugar beets in Leningrad
Province] Opyt vozdeleyvaniia sakharnoi svekly v Leningrad-
skoi oblasti. Leningrad, Lenizdat, 1963. 113 p.
(MIRA 16:10)

(Leningrad Province--Sugar beets)

BOOS, Genrikh Viktorovich, st. nauchnyy sotr., kand. sel'khoz. nauk;
MAL'CHIKOVA, V.K., red.; PRESNOVA, V.A., tekhn. red.

[Recent developments in growing vegetable seedlings] Novoe v
vyrashchivanií rassady ovoshchnykh kul'tur. Lenizdat, 1963. 62.p.
(MIRA 16:6)

1. Vsesoyuznyy institut rasteniyevodstva (for Boos).
(Vegetable gardening)

DENISOV, Petr Vasil'yevich; MAL'CHIKOVA, V.K., red.; PRESNOVA,
V.A., tekhn. red.

[Seeding rates for grain crops and peas] Normy vyseva
zernovykh kul'tur i gorokha. Leningrad, Lenizdat, 1963.
53 p. (MIRA 16:10)
(Grain) (Peas) (Sowing)

VYACHESLAVOVA, Tat'yana Vasil'yevna; zasluzhennyy agronom RSFSR;
BELYAYEV, Nikolay Nikolayevich; MAL'CHIKOVA, V.K., red.;
PRISHNOVA, V.A., tekhn.red.

[Correct crop rotation is the basis for high crop yields;
from the practices of the Gatchina Variety Testing Station]
Pravil'nyi sevooborot - osnova vysokikh urozhayev; iz opyta
raboty Gatchinskogo sortouchastka. Leningrad, Lenizdat,
1961. 61 p. (MIRA 15:2)
(Gatchina District--Agricultural experiment stations)
(Rotation of crops)

MAL'CHIKOVA, L.P.

Tissue response to the osteoplast in sealing the mandible. Vest,
khir. 93 no.9:49-54 S '64. (MIRA 18:4)

1. Iz gosptal'noy khirurgicheskoy kliniki (zav. - prof. A.T.Lidskiy)
Sverdlovskogo meditsinskogo instituta i kliniki chelyustno-litsevoy
khirurgii i stomatologii (nachal'niki - prof. M.V.Mukhin) Voenno-
meditsinskoy ordena Lenina akademii imeni Kirova.

MAL'CHIKOVA, L.P. (Sverdlovsk, pr. Ordzhonikidze, 11, Kv.86)

Technique of gluing mandibular fractures with osteoplast. Vest.
khir. 92 no.5:68-71 My '64.

(MIRA 18:1)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. A T.
Lidskiy) i kliniki chelyus'no-litsevoy khirurgii i stomatologii
(nachal'nik - prof. M.V. Muchin) Voenno-meditsinskogo ordena
Lenina akademii imeni S.M. Kirova.

MAL'CHIKOVA, L.P. (Sverdlovsk, ul. Stalina, d.11, kv.86)

Gluing mandibular fractures with osteoplast. Vest.khir. no.4:
15-20 '61. (MIRA 14:4)

1. Iz gosptal'noy khirurgicheskoy kliniki (zav. - prof. A.T. Lidskiy) Sverdlovskogo meditsinskogo instituta i khirurgicheskoy kliniki (zav. - prof. A.N. Filatov) Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi.

(JAWS--FRACTURES) (RESORCINOL)

AREF'YEV, Mikhail Sergeyevich, ~~dots.~~ MAL'CHIKOV, Yu.A., red.;
NAVROTSKIY, O.G., tekhn. red.

[Practical work in physics using the method of comprehensive group studies; a textbook for laboratory work in physics for students of resident of correspondence courses at pharmaceutical institutes and faculties] Fizicheskii praktikum po metodu kompleksno-kollektivnykh issledovaniy; rukovodstvo k laboratornym zaniatiyam po fizike dlia studentov farmatsevticheskikh institutov i fakul'tetov ochnogo i zaocnogo otdelenii. Moskva, 1962. 248 p. (MIRA 15:10)

1. Moscow. Pervyy meditsinskiy institut. Kafedra fiziki.
(Physics--Study and teaching)

MAL'CHIKOV, V.S.

Automatically wetted blades used in cutting crude-rubber bales
in sheets. Leg.prom. 18 no.10:40-41 O '58. (MIRA 11:11)
(Rubber) (Cutting machines)

Cutting Natural Rubber

SOV/138-58-10-9/10

normally carried out with a two-man cross-cut saw (which was also wasteful of material). A machine is now being developed which will cut several slices from a baulk simultaneously, using multiple saws of this type. The blade is illustrated in Fig.1 - the overall thickness of the hollow web is 3.5 mm, the depth of the blade 80 mm, and the length 1 m. The tempered cutting edge is ground to an angle of 12° . There are 2 Figures.

ASSOCIATION: Tsentral'noye proyektno-konstruktorskoye byuro Minzdrava SSSR (Central Project-Construction Bureau of the USSR Ministry of Health)

AUTHOR: Mal'chikov, V. S. SOV/138-38-10-9/10
 TITLE: Cutting Natural Rubber (Rezaniye natural'nogo kauchuka)
 PERIODICAL: Kauchuk i Rezina, 1958, Nr 10, pp 34 - 35 (USSR)
 ABSTRACT: A hollow bladed saw is described which enables baulks of natural rubber to be sliced with much less power requirement than normal methods. The blade is made up of two plates riveted together with spacer washers between the plates. The cutting edge, of tempered steel, is wedge-shaped and is clamped between the plates. The two plates, forming the web of the saw, are pierced with slots along their length. Water is pumped into the cavity between the plates, and issues through these slots and also from the open top of the cavity. With the lubrication so obtained, baulks 600 x 550 x 400 mm dimension, weighing 110 - 120 kg, may be cut using only 1.4 kw to drive the reciprocating saw illustrated in Fig.2. Blades of this construction may also be used in guillotine type slicing machines. Development of this saw has eliminated the manual labour involved when stripping the rough outer surface of the baulks

Card 1/2

ILLEGIBLE

ILLEGIBLE

ACCESSION NR AM4021936

Ch. VIII. Characteristics of nonlinear systems - - 284
Ch. IX. Nonlinear elements of automatic systems - - 308
Ch. X. Stability and autovibrations of nonlinear systems - - 373
Ch. XI. Methods of studying the accuracy of nonlinear systems - - 427
Ch. XII. Self-tuning systems - - 444
Ch. XIII. Information transmission on transmission channels - - 466
Ch. XIV. Statistical theory of optimal systems - - 484
Ch. XV. Methods of determining optimal linear systems - - 530
Ch. XVI. Determining optimal nonlinear systems - - 581
Appendices - - 614
Bibliography - - 635
Subject index - - 639

SUB CODE: CP

SUBMITTED: 26Jul63

NR REF SOV:061

OTHER: 011

DATE ACQ: 27Dec63

Card 2/2

ACCESSION NR AM4021936

BOOK EXPLOITATION

3
S/

Pugachev, V. S.; Kazakov, I. YE.; Gladkov, D. I.; YEvlanov, L. G.;
Mal'chikov, S. V.; Mishakov, A. F.; Sedov, V. D.; Sokolov, V. I.

Principles of automatic control (Osnovy* avtomaticheskogo upravleniya), Moscow,
Fizmatgiz, 1963, 646 p. illus., biblio., index. 15,000 copies printed.

TOPIC TAGS: automation, automatic control, linear control system, nonlinear
control system

TABLE OF CONTENTS [abridged]:

Foreword - - 8

Ch. I. Basic concepts of the theory of automatic control - - 15

Ch. II. Characteristics of linear systems - - 34

Ch. III. Linear elements of automatic systems - - 71

Ch. IV. Structure and methods of determining the characteristics of linear
systems - - 121

Ch. V. Discrete linear systems - - 170

Ch. VI. Stability and quality of linear systems - - 194

Ch. VII. Methods of studying the accuracy of linear systems - - 240

Card 1/2

L 05203-67

ACC NR: AP7000760

multitude of reactions. Presently, attempts are being made to use group theory to determine the number of isomeric forms in complex compounds and matrix regularities to describe thermodynamic laws and the nomenclatures of chemical compounds. Orig. art. has 4 figures, 3 formulas and 2 tables. [JPES: 37,177]

SUB CODE: 07 / SUBM DATE: 15Jan65 / ORIG REF: 015 OTH REF: 009

Card 2/2 *gl*

L 05203-67 EWP(j)/EWT(m)/EWP(t)/ETI IJP(c) RM/JD/JG

ACC NR: AP7000760

SOURCE CODE: UR/0289/66/000/001/0016/0024

AUTHOR: Mal'chikov, G. D. and Peshchevitskiy, B. I. 27
B

ORG: Institute of Inorganic Chemistry, Siberian Department, Academy of Sciences USSR, Novosibirsk (Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR)

TITLE: Reaction capacity and the structure of substances. Method of spatial matrices

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya khimicheskikh nauk, no. 1, 1966, 16-24

TOPIC TAGS: chemical reaction, chemical reaction kinetics

ABSTRACT: The vast amount of factual data obtained in the study of the reaction capability of different chemical compounds requires an appropriate mathematical apparatus for its description. This disparate nature of the data on the reaction capability makes it urgent to solve the following two interrelated tasks 1) representation of the entire multiplicity of reactions in a certain ordered and unified system; 2) finding general quantitative regularities between the reaction capability and the structure of substances in this unified system. The purpose of the work was to attempt a solution of these interrelated tasks on the example of the substitution and exchange reaction kinetics in complex compounds of platinum. Since the number of chemical reactions is large, a corresponding mathematical apparatus, group theory, numbers theory and matrix computation, can be suitable for describing the engine.

Card 1/2

0720 1967

Method for the synthesis ...

S/024/62/000/001/010/013
E140/E435

where $X(t)$ is white noise, U_i are random quantities and $f_i(t)$, $\varphi_i(t)$ are nonrandom functions. If the inverse network (Ref.5: S.V.Mal'chikov, Avtomatika i telemekhanika, v.XX, no.12, 1959) be denoted by a superscript minus sign, the essence of the method is given in Fig.1. Let 1, 2, 3, 4 in Fig.1a be known networks in an existing control, where k_1 , k_2 are corrective networks to be found. Then it can be shown that the system as corrected will be given by Fig.1b. It should be noted that the sign of the feedback in the corrective network is opposite to that of the principal loop of the original system (Fig.1a). While this method gives a solution always in principle, the required inverse networks may be difficult to realize due to the presence of high-order derivatives. The approximate realization of such cases is not considered. The article concludes with an example. There are 6 figures.

SUBMITTED: June 3, 1960

Card 2/3

35439
S/024/62/000/001/010/013
E140/E435

16.8000 (4102, 4202)

AUTHORS: Gladkov, D.I., Mal'chikov, S.V. (Moscow)

TITLE: Method for the synthesis of nonstationary automatic control systems for given optimal weighting function

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Energetika i avtomatika. no.1, 1962, 166-169

TEXT: The method proposed here avoids the necessity of solving Volterra integral equations of the second kind, if the input signal can be represented in the form

$$Z(t) = \sum_{i=1}^n U_i f_i(t) + X(t) \quad (1)$$

and the desired output signal in the form

$$Y(s) = \sum_{i=1}^n U_i \varphi_i(s) \quad (2)$$

Card 1/2

L 43775-66 EWT(d)/EMP(h)/EMP(1)

ACC NR: AP6023940 (N) SOURCE CODE: UR/0310/66/000/006/0046/0046

AUTHOR: Zaslavskiy, N. (Engineer); Mal'chik, S. (Engineer) 2/6

ORG: none

TITLE: Crane for hoisting hydrofoils 1/1

SOURCE: Rechnoy transport, no. 6, 1966, 46

TOPIC TAGS: crane, hydrofoil, marine equipment, *HOISTING EQUIPMENT*

ABSTRACT: The crane is mounted on a pontoon. Solid ballast weighing 30 tons is used to make the pontoon maneuverable. During hoisting bow heaviness does not exceed 0.12 m. The electric winches are fed by a DG-25 diesel generator. Hoisting speed is 0.18 m/min. The time for hoisting and placing the craft on keel blocks installed on a barge is about 50 min. Orig. art. has: 2 figures [DW]

SUB CODE: 13/ SUBM DATE: none/

LS
Card 1/1

UDC: 627.784.004

MAL'CHIK, F.A., dotsent

Effect of antibacterial therapy on the effectiveness of artificial
pneumothorax in pulmonary tuberculosis. Probl. tub. no.7:29-31 '63.
(MIRA 18:1)

1. Iz kafedry fakul'tetskoy terapii (zav. Kh.M. Levitan) Kurskogo
meditsinskogo instituta.

MAL'CHIK, F.A., dotsent

Chronic forms of primary tuberculosis in adults. Probl.tub.
39 no.1:14-18 '61. (MIRA 14:1)

1. Iz kliniki fakul'tetskoy terapii (zav. - prof. Kh.N. Levitan)
Kurskogo meditsinskogo instituta (dir. - prof. A.V. Savel'yev)
(TUBERCULOSIS)

MAL'CHIK, F.A., dotsent (Kursk)

Influence of collapse therapy on oxyhemometric indexes in pulmonary tuberculosis patients. Kaz.med.zhur. no.5:109-110 8-0 '60.

(MIRA 13:11)

(TUBERCULOSIS)
(BLOOD--OXYGEN CONTENT)

MAL'CHIK, F.A., dotsent

Antibacterial therapy and amyloidosis of the internal organs in
pulmonary tuberculosis. Probl.tub. 37 no.3:97-98 '59.

(MIRA 12:6)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof.Rh.N.Levitan)
Kurskogo gosudarstvennogo meditsinskogo instituta (dir. - prof.
A.V.Savel'yev).

(TUBERCULOSIS, PULMONARY, compl.

amyloidosis during antibact. ther. (Rus))

(AMYLOIDOSIS, etiol. & pathol.

chemother. of pulm. tuberc. (Rus))

MAL'CHIK, F.A., dotsent

Amyloidosis of the internal organs in pulmonary tuberculosis.
Sbor. trud. Kursk. gos. med. inst. no.13:326-329 '58.

(MIRA 1/4:3)

1. Iz kliniki fakul'tetskoy terapii (zav. - prof. Kh.N.Levitan)
Kurskogo gosudarstvennogo meditsinskogo instituta.
(AMYLOIDOSIS) (TUBERCULOSIS)

MAL'CHIK, F.A.

Agranulocytosislike syndrome in acute tuberculous polyserositis.
Probl.gemat. i perel. krovi 1 no.3:59-60 My-Je '56. (MLRA 10:1)

1. Iz Fakul'tetskoy terapevticheskoy kliniki (zav. - prof. Kh.N. Levitan) Kurskogo meditsinskogo instituta.

(SEROITIS

polyserositis, tuberc., causing agranulocytosis-like
synd., case diag.)

(TUBERCULOSIS

same)

(AGRANULOCYTOSIS

agranulocytosis-like synd. in acute tuberc. polyserositis)

MAL'CHIK, F.A.

Effect of alcohol infiltration of the phrenic nerve in pulmonary tuberculosis on arterial and venous pressure and on circulation rate. Klin. med., Moskva 31 no.4:84-85 Apr 1953. (CML 24:4)

1. Of VTsSPS Sanatorium No. 7 (Head Physician -- V. I. Milokostov).

MAL'CHIK, F. A.

Venous pressure in pulmonary tuberculosis. Klin. med., Moskva
29 no.7:84-85 July 1951. (CJML 20:11)

1. Of Odessa Institute of Tuberculosis (Director -- Ya. I.
Rozenblit).

MAL'CHIK, F.A.

22059 Mal'chik, F. A. Dykhatel'nyye dvizheniya simmetrichnykh uchastkov grudnoy kletki pri tuberkuleze legkekh. (Kratkoye Soderzhaniye Kand. dissertatsii) Uchen. Zapiski Nauch-issled in-ta tuberkuleza v Odesse, Ch. 1, 1948, s. 79-82

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

MAL'CHIK, F.A.

22060 Mal'chik, F. A. K Voprosy o bilateral'nom issledovanii Krovi u legochno-tuberkulcznykh vol'nykh v odnostoronivim protsessom. Uchen. Zapiski Nauch. Issle. in-ta tuberkuleza v Odesse, Ch. 1, 1948, s 49-54

SC: Ietopis' Zhurnal'nykh Statey, No. 25, Moskva, 1949.

MAL'CHEVSKIY, Viktor Ivanovich [Mal'chevski, V.I.]; LAZARCHYK, K.,
red.; STEPANOVA, N. [Stsiapanava, N.], tekhn.red.

[Feeding and maintenance of pregnant cows] Karmienne i utrymanne
tsel'nykh karou. Minsk, Dziarzh.sel'skahaspadarchai lit-ry,
1957. 63 p. (MIRA 13:9)
(Cows--Feeding and feeds)

MAL'CHEVSKIY, V.

Public representation council. Zdrav.Bel. 8 no.7:73 J1 '62.

(MIRA 15:11)

1. Predsedatel' obshchestvennogo soveta pri Dzerzhinskoy rayonnoy
bol'nitse.

(DZERZHINSK (WHITE RUSSIA)--MEDICAL SOCIETIES)

BOGOYAVLENSKIY, G.P.; SHISHKIN, I.B.; Prinimal uchastiye GALITSKIY, V.A.; MAL'CHEVSKIY, G.N., red.-sostavitel' kart; BELEN'KIY, A.B., kand. ist. nauk, nauchn. red.; GRIN, M.F., kand. ekon. nauk, nauchn. red.; ZABELIN, I.M., kand.geogr. nauk, nauchn. red.; SAMSONENKO, L.V., nauchn. red.; FRADKIN, N.G., kand. geogr. nauk, nauchn. red.; BELICHENKO, R.K., mlad. red.; KIR'YANOVA, Z.V., mlad. red.; VILENSKAYA, E.N., tekhn. red.

[Land and people; geographical calendar for 1964] Zemlia i liudi; geograficheskii kalendar' 1964. Moskva, Gos.izd-vo geogr. lit-ry, 1963. 302 p. (MIRA 17:2)

GUR'YANOVA, Ye.F.; MAL'CHEVSKIY, A.S.; GILYAROV, M.S.

Reviews. Zool. zhur. 44 no.2:312-315 '65.

(MIRA 18:5)

MAL'CHEVSKIY, A.S.

Studying the voices of birds. Trudy Len. ob-va est. 74 no. 1:
57-61 '63. (MIRA 17:9)

BORISOV, A.A., doktor geogr. nauk, prof.; ZNAMENSKAYA, O.M., kand. geogr. nauk; BLAGOVIDOV, N.L., kand. sel'khoz. nauk; MINYAYEV, N.A., kand. biol. nauk; SHUL'TS, G.E., kand. biol. nauk; RODIONOV, M.A., kand. biol. nauk; MAL'CHEVSKIY, A.S., prof., doktor biol. nauk; TOMSON, N., doktor med. nauk, prof., akademik; VERESHCHAGIN, N.K., doktor biol. nauk; NEYELOV, A.V., aspirant; TYUL'PANOV, N.M., inzh. lesnogo khoz.; KUROVSKIY, G.I., inzh. parkostroitel'; SOKOLOV, M.P., arkhitekter; SOKOLOV, S.Ya., doktor biol. nauk, prof., nauchn. red.; MAL'CHIKOVA, V.K., red.

[Nature of Leningrad and environs] Priroda Leningrada i okrestnostei. Leningrad, Lenizdat, 1964. 249 p.

(MIRA 17:7)

1. Akademiya nauk Estonskoy SSR (for Tomson). 2. Zoologicheskiy institut AN SSSR (for Neyelov).

NOVIKOV, G.A.; MAL'CHEVSKIY, A.S.; OVCHINNIKOVA, N.P.; IVANOVA, N.S.

Birds of the "Les na Vorskle" [Forest on the Vorksla] and its
surrounding area. Vop. ekol. i biotsen. no.8:9-118 '63.
(MIRA 17:1)

MAL'CHEVSKIY, A.S.

With a taperecorder in the woods. Nauka i zhizn' 30 no.5:
70-73 My '63. (MIRA 16:10)

MAL'CHEVSKIY, A.S.

"Ecology of tetraonid birds" by O.I.Semenov-Rian-Shanskii. Reviewed by A.S.Mal'chevskii. Biul.MCIP.Otd.biol. 67 no.4:147-150 Ji-Ag '62. (MIRA 15:10)

(LAPLAND PRESERVE--GROUSE)
(PECHOR-D-ILYCH PRESERVE--GROUSE)
(SEMOV-RIAN-SHANSKII, O.I.)

MAL'CHEVSKIY, Aleksey Sergeyevich; NOVIKOV, G.A., prof., otv.red.;
PETROVICHEVA, O.L., red.; VODOLAGINA, S.D., tekhn.red.

[Nest life of song birds; reproduction and postembryonic
development of passeriformes of European Russia] Gnezdovaia
zhizn' pevchikh ptits; razmnozhenie i postembrional'noe
razvitie lesnykh vorob'inykh ptits evropeiskoi chasti SSSR.
[Leningrad] Izd-vo Leningr.univ., 1959. 280 p. (MIRA 12:3)
(Passeriformes)

MAL'CHEVSKIY, A.S.

"Protection and attraction of useful birds" by K.N. Blagosklonov.

Reviewed by A.S. Mal'chevskii. Zool. zhur. 37 no.7:1107-1109 J1
'58.

(MIRA 11:8)

(Birds, Protection of)

MAL'CHEVSKIY, A.S.
MAL'CHEVSKIY, A.S.

Biological races of the common cuckoo (*Cuculus canorus* L.) in the European part of the U.S.S.R. [with summary in English]. Zool. zhur. 37 no.1:87-95 Ja '58. (MIRA 11:2)

1. Leningradskiy gosudarstvennyy universitet.
(Cuckoos)

MAL'CHEVSKIY, A.S.

Local tunes and geographical variability of bird songs [with summary
in English]. Vest. LGU 13 no.9:110-119 '58. (MIRA 11:6)
(Bird song)

MALCHEVSKIY, A. S.

"On Biological Races of Common Cuckoo, *Cuculus Canorus* L., on the Territory of the European Part of the USSR."

Paper submitted at 12th International Congress of Ornithologists. Helsinki, 5-12 June 1958.

MAL'CHEVSEIY, A.S.

Home instinct in passerine birds [with summary in English]. Vest.
IGU 12 no.9:58-70 '57. (MLEA 10:8)
(Passeres) (Birds--Geographical distribution)

MAL'CHEVSKIY, A.S.; POKROVSKAYA, I.V.; OVCHINNIKOVA, N.P.; GERAKOVA, T.N.

Ecological features of the distribution of bird nests in forests.

Uch.zap. Len. un. no.181:77-101 '55.

(MLRA 8:11)

(Birds--Eggs and nests)

MAL'CHEVSKIY, A.S.; NEYFEL'DT, I.A.

Materials on the biology of propagation and nutrition of the nightjar.
Uch.zap.Len.un. no.181:61-76 '55. (MLRA 8:11)
(Goatsuckers)

MAL'CHEVSKIY, A.S.

Bird life in the park of the Kirov Academy of Forestry in Leningrad
and its changes between 1880-1950. Uch.zap.Len.un. no.181:53-60 '55.
(Leningrad--Birds) (MLRA 8:11)

MAL'CHEVSEIY, A.S., kand.biol.nauk

Shelterbelt afforestation as related to studies on vertebrate
zoology. Vest. LCU 4 no.2:25-36 F '69. (MIR: 12:7)
(Forest fauna) (Windbreaks, shelterbelts, etc.)

MALICHEVSKIY, A. S.

MAL'CHEVSKIY, A.S., Doc Biol Sci -- (diss) "Analysis of
Phenomen^a~~ons~~ in the Cycle of Reproduction and Post-embryonic
Development ^{of Sparrows} ~~in Birds of Sparrow Species~~ ^(in the) ~~(as example)~~ ^{of} European
Forest Species), Len, 1958, 40 ^{pp} ~~pages~~. (Len Order of Lenin State
Univ im A.A. Zhdanov). 150 copies (KL 10-58, 119)

MAL'CHEVSKIY, A. S.; KADOCHNIKOV, N. P.

Birds, Injurious and Beneficial

Method of in vivo study of the feeding of nestlings of insectivorous birds. Zool.
zhur. 32, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

MAL'CHEVSKIY, A. S.

20917 Mal'chevskiy, A. S. Lesovodstvenniye meropriya tiya i gnezdovaniye ptits v polezashchi tnykh polosakh. Pripoda, 1949, No. 6, s. 32-34 - Bibliogr: s. 34

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949